

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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DATE: May 23, 2002

FROM: Chris Curtis

Checked: # : A775

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) and the Hadron (right) arm on May 22nd, 2002.

===== RESULTS ===== E052202A

The central ray of the spectrometer is at -12.624 degrees.
It is missing the defined target center by 1.78 mm upstream,
and -0.18 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -12.636 degrees.

*.9PR : 0.113 *.3DD : 0.95

===== RESULTS ===== H052202A

The central ray of the spectrometer is at 58.309 degrees.
It is missing the defined target center by 3.24 mm downstream,
and 1.44 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 58.287 degrees.

*.9PR : 0.114 *.3DD : 1.53